Appl. No. 10/670,162 Amdt. dated February 13, 2004 Preliminary Amendment

Amendments to the Abstract:

Please replace the Abstract paragraph with the following new paragraph:

A computer-implemented method for generating a computer model of one or more teeth by receiving a digital data set of meshes representing the teeth; creating a parametric representation of the digital data set; and displaying the computer model of the teeth using the parametric representation. The model can be modified or transmitted for viewing or for fabricating dental appliances.